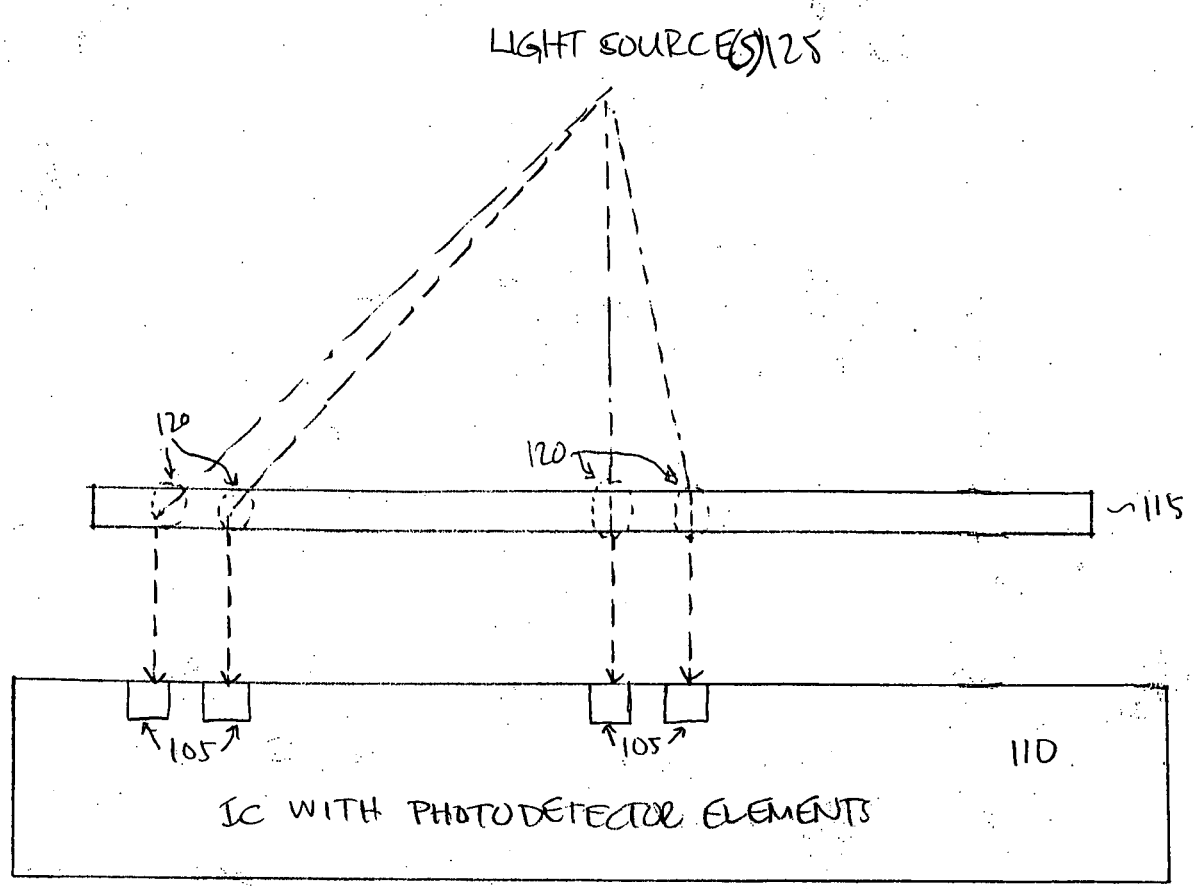

FIGURE 1

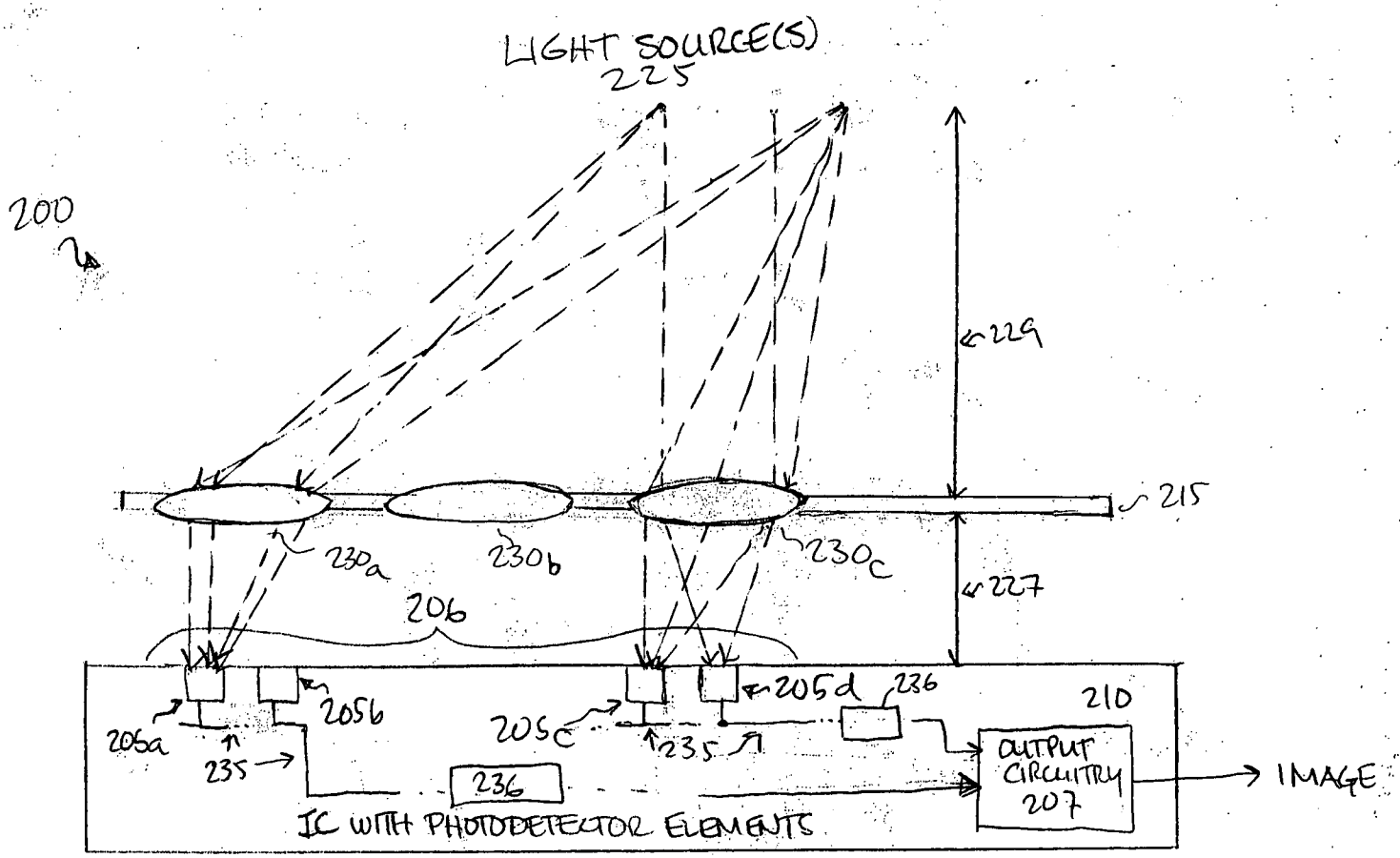

FIGURE 2

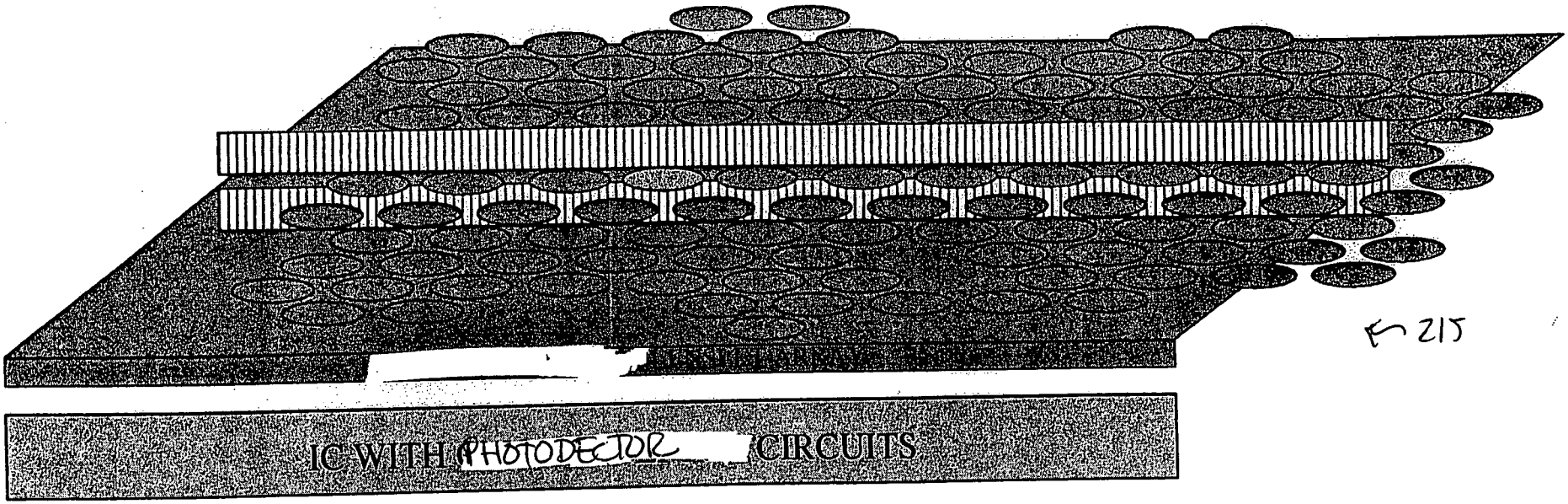

FIGURE 3

• LIGHT SOURCE(S) 415

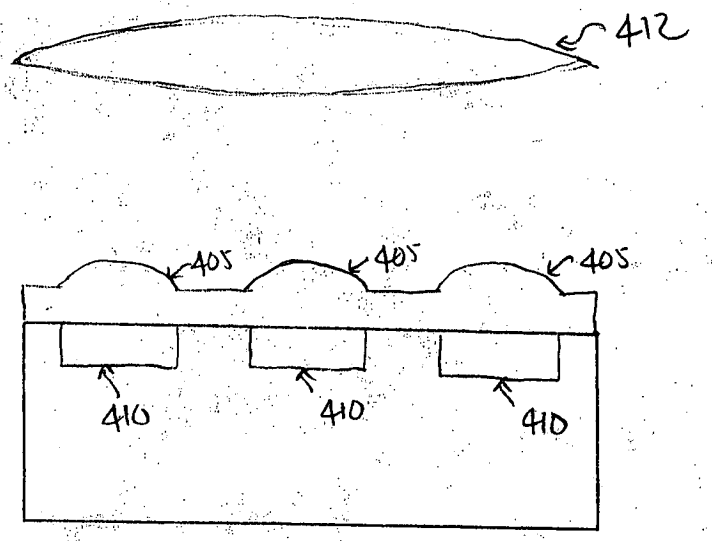

FIGURE 4
(PRIOR ART)

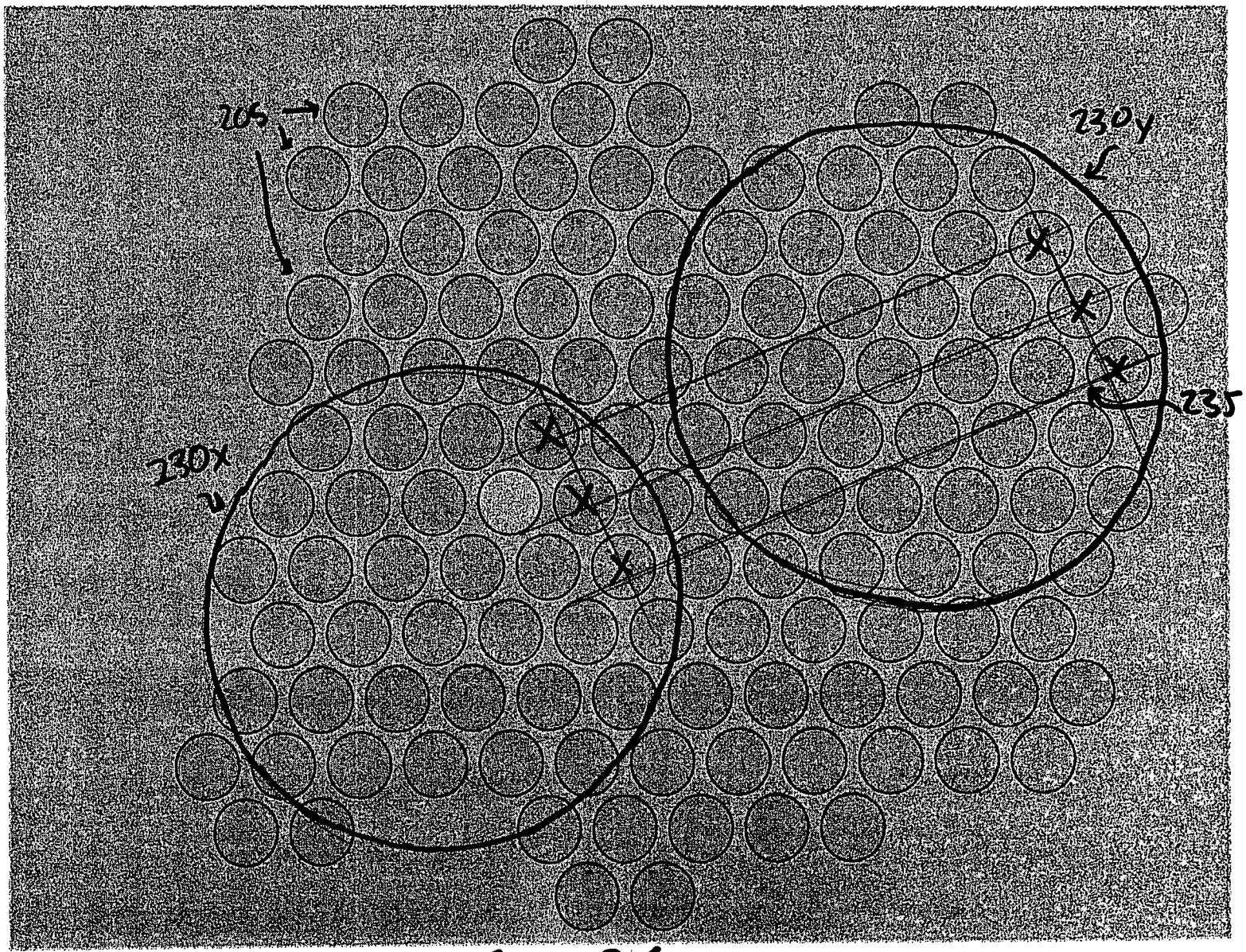

FIGURE 5

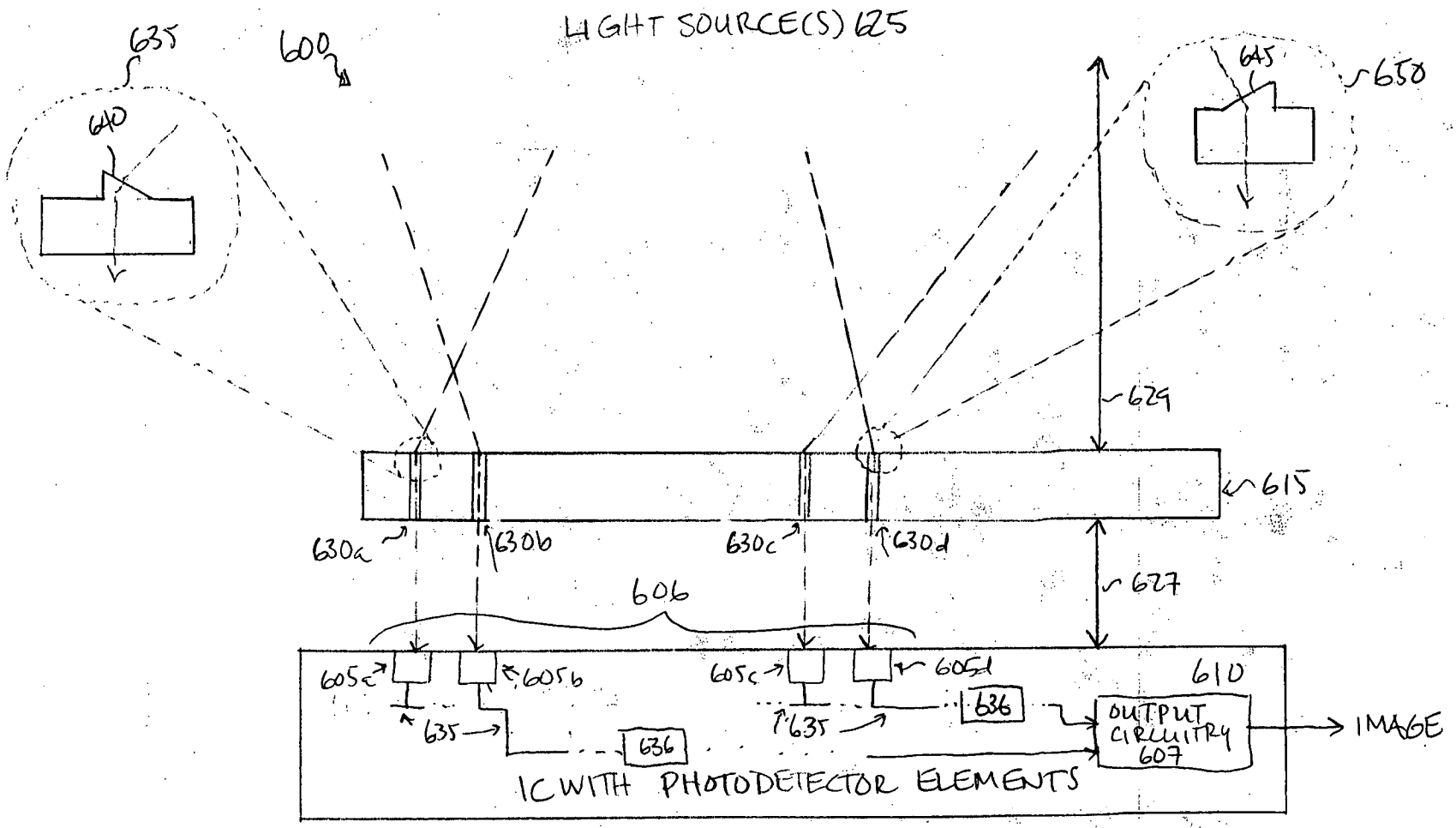
LIGHT SOURCE(S) 625
635
600
640
645
650
629
615
630a
630b
630c
630d
627
606
605a
605b
605c
605d
610
636
635
636
635
636
OUTPUT CIRCUITRY 607
IMAGE
IC WITH PHOTODETECTOR ELEMENTS

FIGURE 6

Figure 7

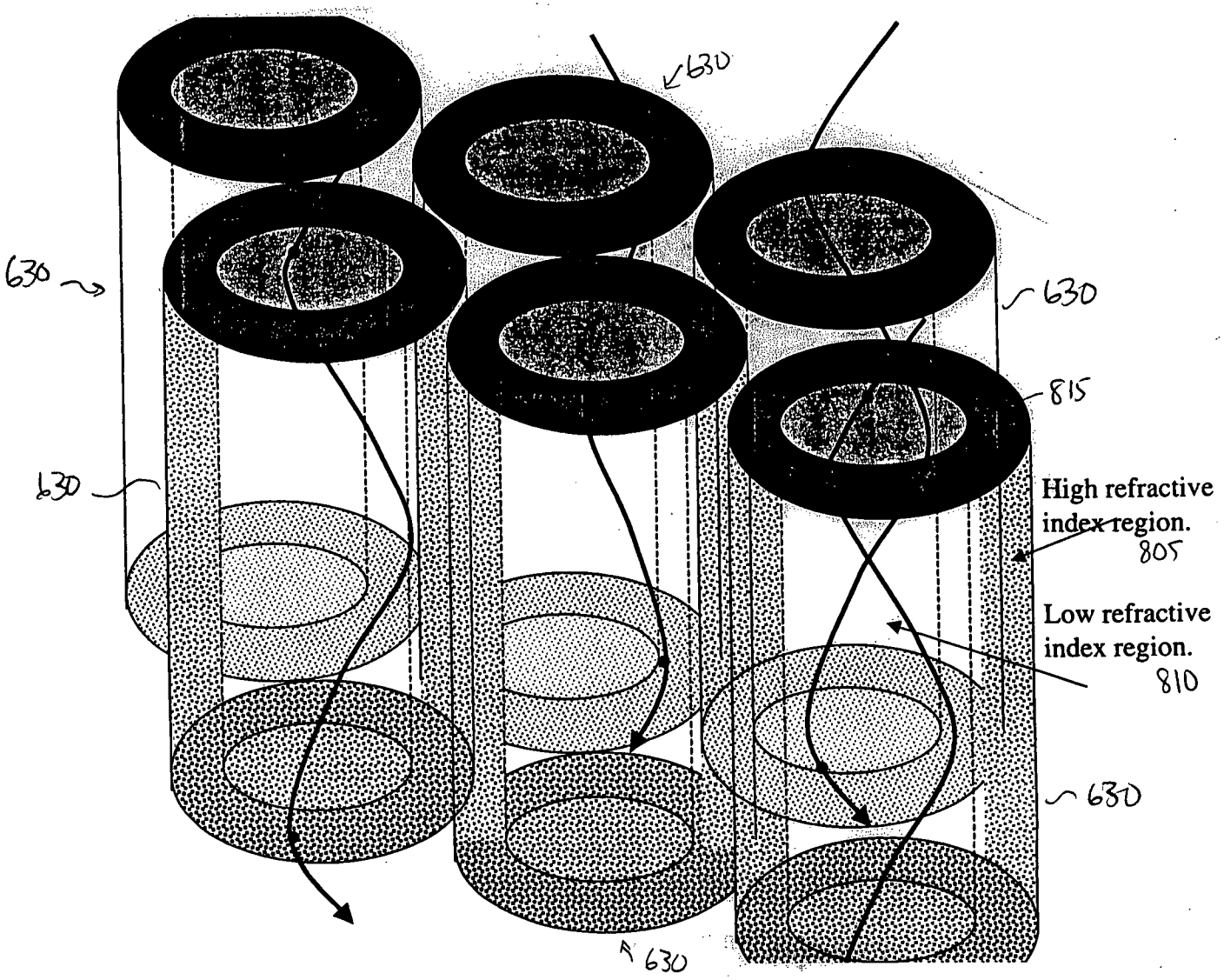

FIGURE 8

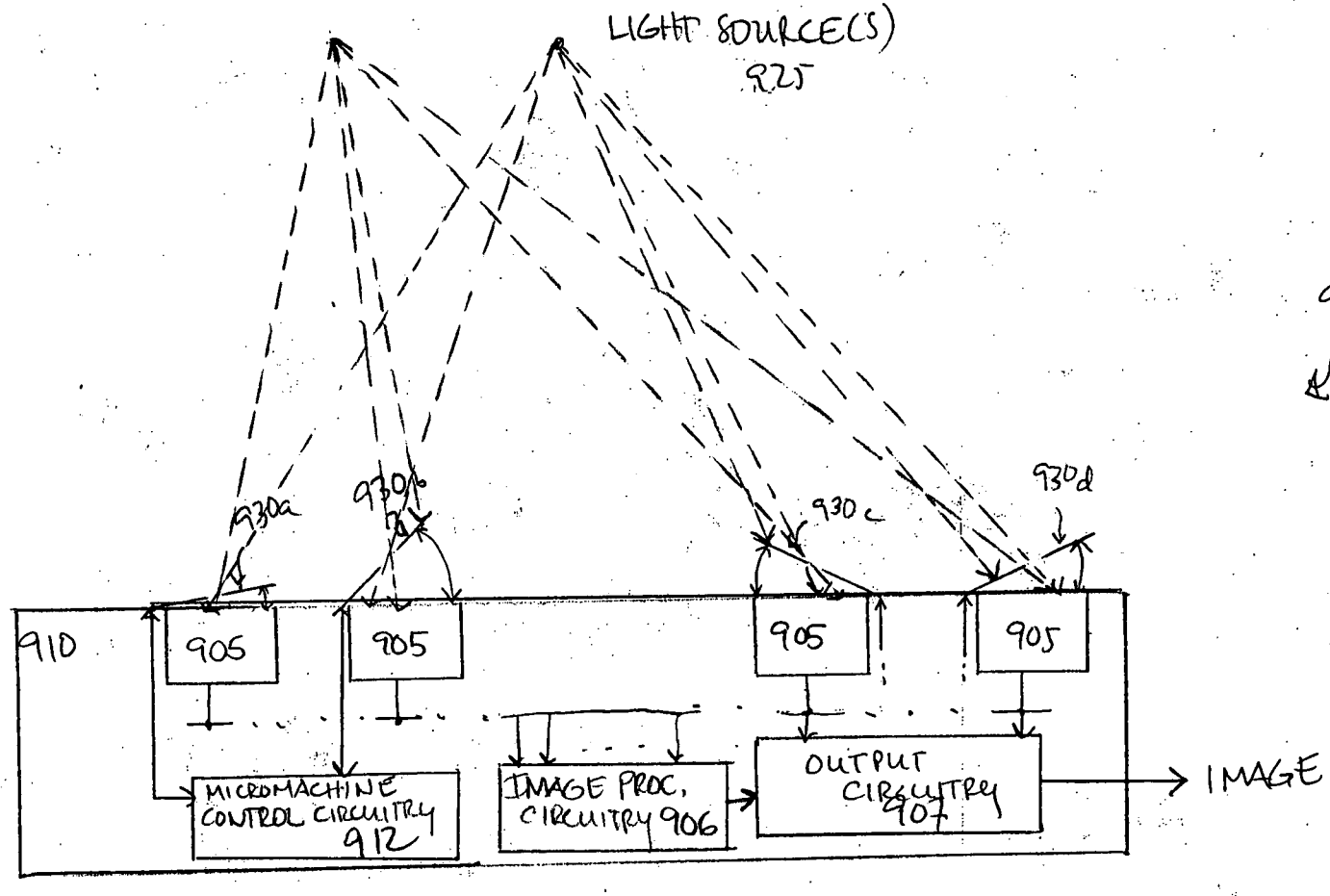
LIGHT SOURCE(S)
925
900
930a
930b
930c
930d
910
905
905
905
905
MICROMACHINE CONTROL CIRCUITRY 912
IMAGE PROC. CIRCUITRY 906
OUTPUT CIRCUITRY 907
IMAGE

FIGURE 9

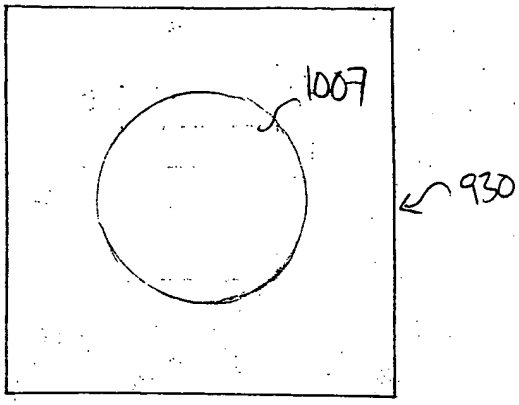

FIGURE 10

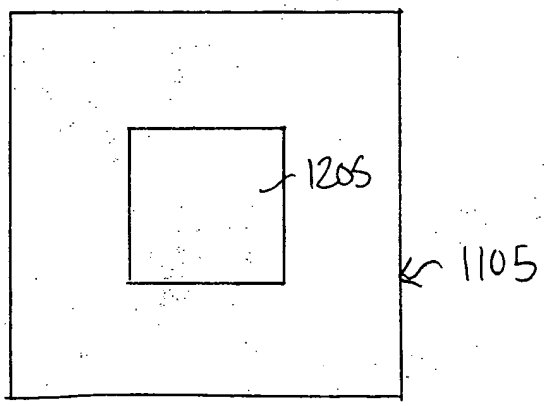

FIGURE 12

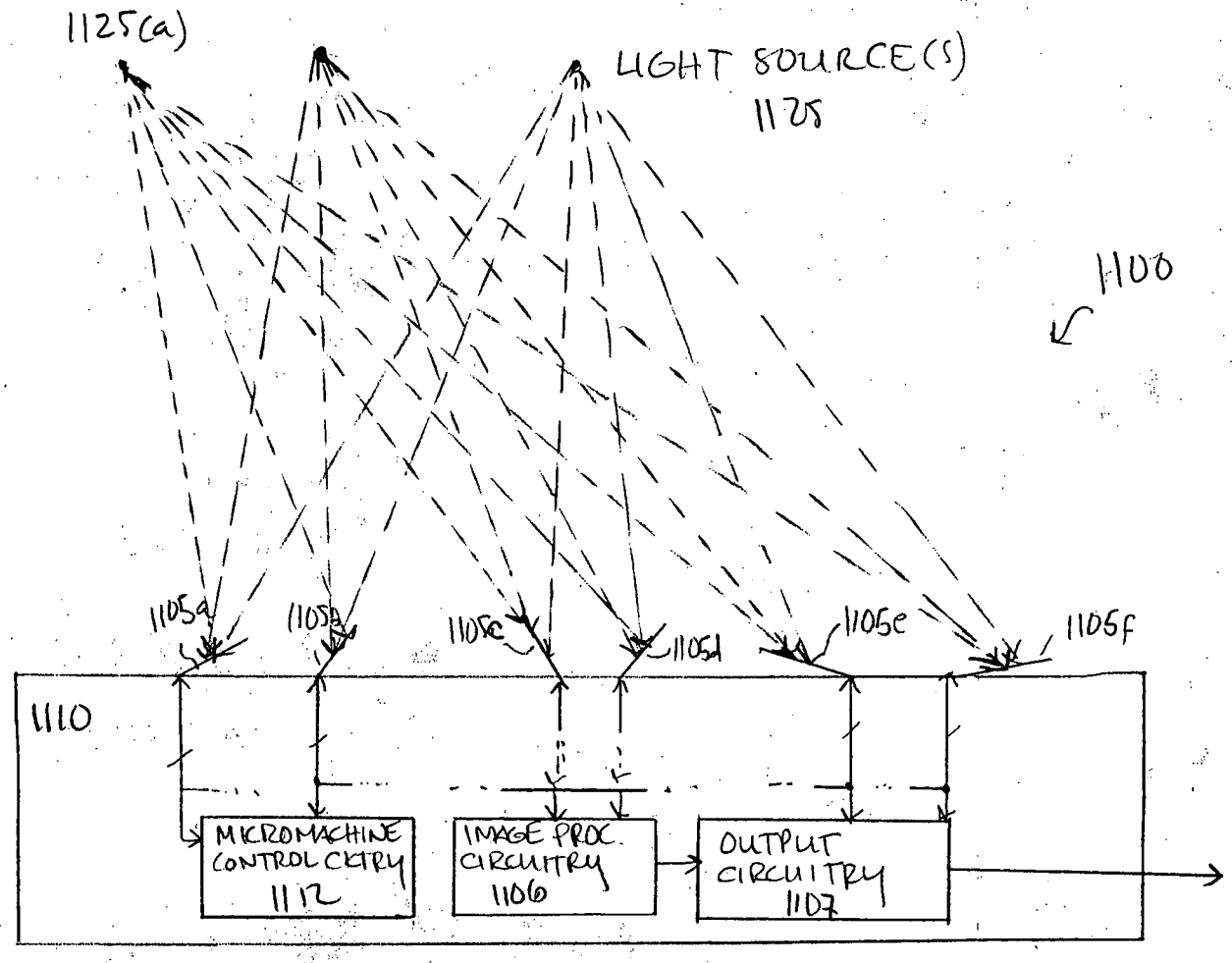
1125(a)
LIGHT SOURCE(S)
1125
1100
1105a
1105b
1105c
1105d
1105e
1105f
1110
MICROMACHINE CONTROL CKTRY
1112
IMAGE PROC. CIRCUITRY
1106
OUTPUT CIRCUITRY
1107

FIGURE 11

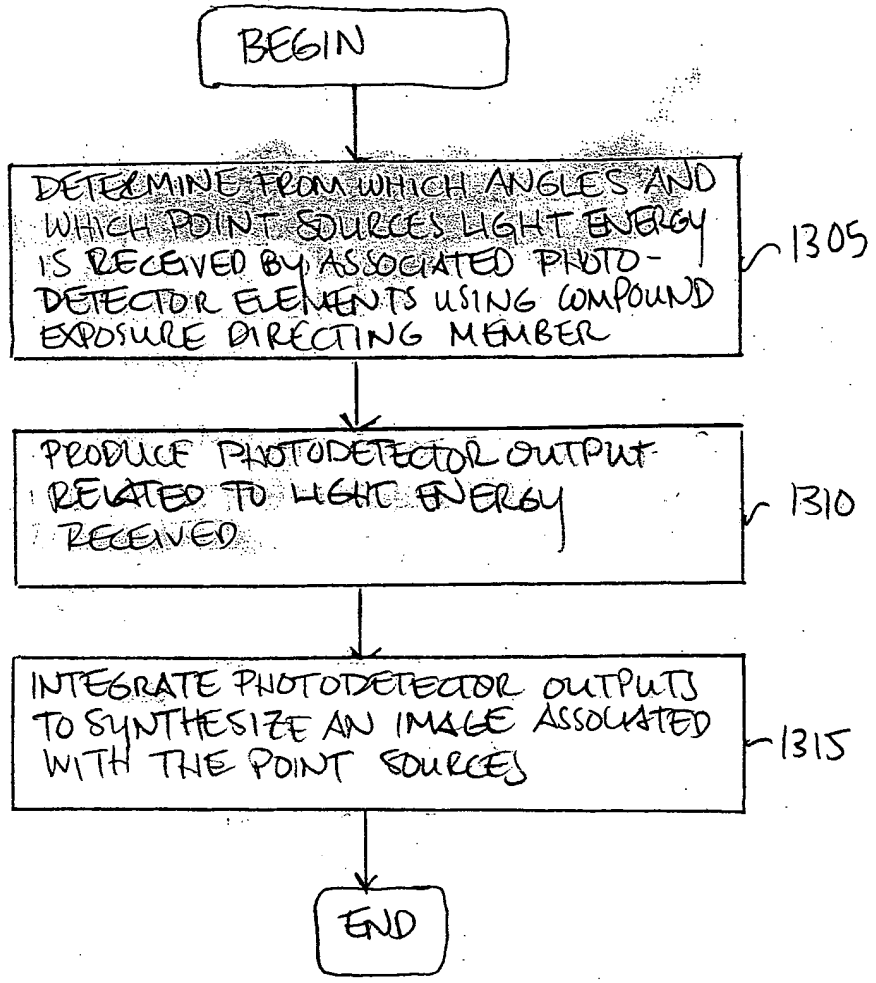
BEGIN
DETERMINE FROM WHICH ANGLES AND WHICH POINT SOURCES LIGHT ENERGY IS RECEIVED BY ASSOCIATED PHOTO-DETECTOR ELEMENTS USING COMPOUND EXPOSURE DIRECTING MEMBER
1305
PRODUCE PHOTODETECTOR OUTPUT RELATED TO LIGHT ENERGY RECEIVED
1310
INTEGRATE PHOTODETECTOR OUTPUTS TO SYNTHESIZE AN IMAGE ASSOCIATED WITH THE POINT SOURCES
1315
END

FIGURE 13